

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S2	25	("3825036"   "4254774"   "4448195"   "5156785"   "5254089"   "5270086"   "5389314"   "5456674"   "5458572"   "5512051"   "5556383"   "5647848"   "5702418"   "5704913"   "5755690"   "5797877"   "5807327"   "5830182"   "5976120"   "6059751"   "6156842"   "6242063"   "6284333"   "6325780"   "6443925").PN. OR ("6905743").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/19 16:10
S3	5	((("5868703") or ("4921483") or ("6881201") or ("6503223") or ("6042578")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/20 10:39
S4	12	((("20050038383") or ("5693014") or ("20030040770") or ("5209799") or ("6632231") or ("6730105") or ("5196024") or ("5713913") or ("20020010489") or ("5336234") or ("6905743") or ("20010043998")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/20 10:42
S5	6817	((606/159) or (606/170) or (606/194) or (604/96.01) or (606/200)).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/20 10:55
S7	3	((("6562062") or ("5320634") or ("6632231")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/09/24 16:02

S9	94	("1141364"   "3635223"   "4140126"   "4273128"   "4292974"   "4406656"   "4465072"   "4490421"   "4608984"   "4627436"   "4685458"   "4686982"   "4705517"   "4723549"   "4787388"   "4886061"   "4966604"   "5009659"   "5042985"   "5078725"   "5116318"   "5156610"   "5196024"   "5209749"   "Re32983"   "Re33561"). PN. OR ("5320634"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/10/03 09:00
S8	1	("5320634").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/10/03 09:00
S10	31	("2701559"   "3779201"   "4273128"   "4733665"   "4739762"   "4776337"   "4796629"   "5196024"   "5209799"   "5226887"   "5242397"   "5320634"   "5336178"   "5336234"   "5411466"   "5616149"   "5647848"   "5653690"   "5713863"   "5807326"   "5810871"   "5836965"   "5876374"   "5935135"   "6007543"   "6027510"   "6102904"   "6258099"   "6569192").PN. OR ("6942680").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/10/03 09:21
S12	2	((("5195969" or ("5270086"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/10/03 09:32
S11	8	((("6632231") or ("5196024") or ("20030040770") or ("20020010489") or ("4796629") or ("6942680") or ("6905743") or ("20010043998"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/10/03 09:32
S13	2	((("5209799") or ("5336234"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/10/03 09:33
S1	2	((("5336234") or ("6905743"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/09 09:29

S14	3	("2003/0163148").URPN.	USPAT	OR	OFF	2008/01/09 09:33
S15	1122	(606/159).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/09 09:42
S18	165	S17 and reinfo\$	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/09 09:45
S21	1058	S20 and (blade\$2 cut\$4)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/09 10:53
S20	2221	(606/194).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/09 10:53
S19	1	("5863366").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/09 10:53
S16	928	S15 and (blade\$2 cut\$4)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/09 10:53
S6	252	S5 and (reinfo\$ with balloon)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/09 10:53
S24	213	S23 and balloon	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/09 12:35
S23	1236	(606/170).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/09 12:35
S22	202	S21 and ((reinfo\$ stiff \$4) with balloon)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/09 12:35
S17	597	S16 and balloon	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/09 12:35
S25	56	("4574781"   "4799479"   "4886061"   "4921483"   "4921484"   "4966604"   "5009659"   "5049131"   "5087246"   "5100424"   "5116318"   "5156610"   "5196024"   "5209749"   "5320634").PN. OR ("5616149").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/09 15:05
S27	1	("5195969").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/10 10:39

S26	1	("6217548").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/10 10:39
S28	1	("5270086").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/10 10:43
S29	41	("20010031357"   "20010033852"   "20010043998"   "20020010489"   "20030040770"   "4273128"   "4637396"   "4661110"   "4796629"   "4834709"   "5195969"   "5196024"   "5209799"   "5320634"   "5336234"   "5372601"   "5389314"   "5484418"   "5533985"   "5556405"   "5622665"   "5649941"   "5693014"   "5697944"   "5704913"   "5713913"   "5714110"   "5792158"   "5800450"   "5951494"   "6117153"   "6135992"   "6136258"   "6242063"   "6258108"   "6284333"   "6296651"   "6306151"   "6632231"   "6905743"   "6942680"). PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/10 11:16
S30	1	("5928218").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/10 11:21
S31	1	("5865178").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/10 11:22
S32	1	("6258108").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/10 11:23
S33	1	("5713913").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/10 11:24
S34	1	("5967984").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/10 11:25
S35	1	("5649941").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/10 11:26

S36	9	(("5470415") or ("5261887") or ("5322513") or ("5181920") or ("5092872") or ("5234450") or ("5059203") or ("4781185") or ("20030163148")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/10 11:30
S38	31	("2701559"   "3779201"   "4273128"   "4733665"   "4739762"   "4776337"   "4796629"   "5196024"   "5209799"   "5226887"   "5242397"   "5320634"   "5336178"   "5336234"   "5411466"   "5616149"   "5647848"   "5653690"   "5713863"   "5807326"   "5810871"   "5836965"   "5876374"   "5935135"   "6007543"   "6027510"   "6102904"   "6258099"   "6569192").PN. OR ("6942680").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/10 13:16
S37	1	("6942680").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/10 13:16
S39	111	("2078686"   "2435387"   "2854983"   "3426744"   "4018230"   "4437856"   "4535757"   "4637396"   "4702252").PN. OR ("4796629").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/10 13:17
S40	50	("4796629"   "5226887"   "5295995"   "5318587"   "5320634").PN. OR ("5458572").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/10 13:24
S41	25	("3825036"   "4254774"   "4448195"   "5156785"   "5254089"   "5270086"   "5389314"   "5456674"   "5458572"   "5512051"   "5556383"   "5647848"   "5702418"   "5704913"   "5755690"   "5797877"   "5807327"   "5830182"   "5976120"   "6059751"   "6156842"   "6242063"   "6284333"   "6325780"   "6443925").PN. OR	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/10 13:44

		("6905743").URPN.				
S42	1	("5336234").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/22 14:25
S44	125	S43 and inorganic	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/23 09:08
S43	7080	((606/159) or (606/170) or (606/194) or (604/96.01) or (606/200)). CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/23 09:08
S45	120	S43 and (liquid near crystal near polymer)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/23 09:12
S46	50	("4796629"   "5226887"   "5295995"   "5318587"   "5320634").PN. OR ("5458572").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/09 10:49
S47	122	("2078686"   "2435387"   "2854983"   "3426744"   "4018230"   "4437856"   "4535757"   "4637396"   "4702252").PN. OR ("4796629").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/09 11:03
S48	1	("20030163148").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/03/10 09:36
S50	15	(604/103.12).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/03/10 09:37
S49	100	(604/103.11).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/03/10 09:37
S51	157	(604/103.09).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/03/10 09:41
S54	438	(606/195).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/03/10 09:43
S53	1612	(606/192).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/03/10 09:43
S52	1490	(606/191).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/03/10 09:43
S55	1	("6284333").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/03/10 10:01

S56	294	(("20010000801") or ("20010053920") or ("20020053349") or ("20030163148") or ("20040097878") or ("20040191443") or ("20040207127") or ("20050027313") or ("20050069452") or ("20050098914") or ("20050118370") or ("20050124920") or ("20080027358") or ("20080133001") or ("20080161730") or ("20080255512") or ("20090082698") or ("20090140449") or ("20100305479") or ("20100320634") or ("3577992") or ("3599641") or ("3633586") or ("3795400") or ("3799171") or ("3799172") or ("3807384") or ("3814353") or ("3836761") or ("3848357") or ("3862635") or ("3883979") or ("3896815") or ("3908664") or ("3924634") or ("4001950") or ("4089506") or ("4136995") or ("4149539") or ("4157094") or ("4174082") or ("4243033") or ("4244177") or ("4244418") or ("4245622") or ("4248008") or ("4248229") or ("4249536") or ("4254889") or ("4258724") or ("4262864") or ("4264312") or ("4265243") or	US-PGPUB; USPAT; USOCR	OR	OFF	2011/03/10 10:04
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S57	42	("20010031357"   "20010033852"   "20010043998"   "20020010489"   "20030040770"   "4273128"   "4637396"   "4661110"   "4796629"   "4834709"   "5195969"   "5196024"   "5209799"   "5320634"   "5336234"   "5372601"   "5389314"   "5458572"   "5484418"   "5533985"   "5556405"   "5622665"   "5649941"   "5693014"   "5697944"   "5704913"   "5713913"   "5714110"   "5792158"   "5800450"   "5951494"   "6117153"   "6135992"   "6136258"   "6242063"   "6258108"   "6284333"   "6296651"   "6306151"	US-PGPUB; USPAT; USOCR	OR	OFF	2011/03/10 10:09

		"6632231"   "6905743"   "6942680").PN.				
S58	62	("4796629"   "5226887"   "5295995"   "5318587"   "5320634").PN. OR ("5458572").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/03/10 10:14
S59	42	("4581017"   "4796629"   "4983167"   "5019042"   "5071406"   "5147302"   "5318587"   "5348538"   "5458572"   "5458575"). PN. OR ("5718684"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/03/10 10:25
S61	1081	S60 and (balloon and (blade cut\$3))	US-PGPUB; USPAT; USOCR	OR	OFF	2011/03/10 10:29
S60	3343	S52 S53 S54	US-PGPUB; USPAT; USOCR	OR	OFF	2011/03/10 10:29
S62	448	S61 and fold\$3	US-PGPUB; USPAT; USOCR	OR	OFF	2011/03/10 10:30

**EAST Search History (Interference)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S65	375	S64 and (stiff\$ strip \$).clm.	US-PGPUB; USPAT; UPAD	OR	OFF	2011/03/13 15:51
S64	4532	S63 and balloon. clm.	US-PGPUB; USPAT; UPAD	OR	OFF	2011/03/13 15:51
S63	11428	((604/96.01) or (604/103.09) or (604/103.11) or (604/103.12) or (606/159) or (606/170) or (606/191) or (606/192) or (606/194) or (606/195) or (606/200)).CCLS.	US-PGPUB; USPAT; UPAD	OR	OFF	2011/03/13 15:51
S66	52	S65 and (cut\$ blade \$).clm.	US-PGPUB; USPAT; UPAD	OR	OFF	2011/03/13 15:52

**3/ 13/ 2011 3:54:47 PM**

**H:\ EAST Workspaces\ 10083926.wsp**